INT NATIONAL SEARCH REPORT

Internation Application No PCT/FR2004/002602

A. CLASSIFICATION OF SUBJECT MATTER 1PC 7 C07K14/805 C12R1/85 C12P19/34							
According to International Patent Classification (IPC) or to both national classification and IPC							
	SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07K C12N C12R C07H							
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched							
Electronic d	ata base consulted during the international search (name of data ba	se and, where practical, search terms used)					
EPO-Internal, WPI Data, PAJ, BIOSIS, CHEM ABS Data, EMBASE							
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT						
Category •	Citation of document, with indication, where appropriate, of the rel	Relevant to claim No.					
X	KREBS A. ET AL: "molecular shap dissociation, and oxygen binding dodecamer subunit of lumbricus themoglobin" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 271, no. 31, 1996, pages 18 XP002272714 abstract experimental procedures	of the errestris	1-3				
X Furth	er documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.				
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance.		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention					
"E" earlier d filling d	ocument but published on or after the international ate	"X" document of particular relevance; the cl cannot be considered novel or cannot	laimed invention be considered to				
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the							
"O" document referring to an oral disclosure, use, exhibition or other means other means such combination being obvious to a person sk in the art. "P" document published prior to the international filing date but later than the priority date claimed "8" document member of the same patent family							
Date of the a	ctual completion of the international search	Date of mailing of the International search report					
2:	3 February 2005	1.5. 03. 2005					
Name and m	alling address of the ISA	Authorized afficer					
European Patent Office, P.B. 5818 Patentlaan 2 N.L 2280 HV Rijswijk Tel. (+31.70) 340-2040, Tx. 31 651 epo nt, Fax. (+31.70) 340-3016		Keller, Y	**,4*				



		PC1/FR2004/002002
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	FUSHITANI K. ET AL.: "the extracellular hemoglobin of the earthworm lumbricus terrestris" JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 266, no. 16, 1991, pages 10275-10281, XP002272716 abstract	1-3
X	WO 01/92320 A (TOULMOND ANDRE ;ZAL FRANCK (FR); CENTRE NAT RECH SCIENT (FR); LALL) 6 December 2001 (2001-12-06) abstract example TOUS	1-24
Х	SGOUROS J. ET AL: "Invertebrate oxygen carriers" 1986, SPRINGER VERLAG, BERLIN-HEIDELBERG, XP009026675 the whole document	1-24
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